

## Accepted Manuscript

Title: Germline mutations in young non-smoking women with lung adenocarcinoma

Authors: Iikki Donner, Riku Katainen, Lauri J. Sipilä, Mervi Aavikko, Eero Pukkala, Lauri A. Aaltonen



PII: S0169-5002(18)30406-9  
DOI: <https://doi.org/10.1016/j.lungcan.2018.05.027>  
Reference: LUNG 5664

To appear in: *Lung Cancer*

Received date: 19-12-2017  
Revised date: 28-5-2018  
Accepted date: 30-5-2018

Please cite this article as: Donner I, Katainen R, Sipilä LJ, Aavikko M, Pukkala E, Aaltonen LA, Germline mutations in young non-smoking women with lung adenocarcinoma, *Lung Cancer* (2018), <https://doi.org/10.1016/j.lungcan.2018.05.027>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# GERMLINE MUTATIONS IN YOUNG NON-SMOKING WOMEN WITH LUNG ADENOCARCINOMA

Iikki Donner<sup>1</sup>, Riku Katainen<sup>1</sup>, Lauri J. Sipilä<sup>1</sup>, Mervi Aavikko<sup>1</sup>, Eero Pukkala<sup>2,3</sup>, Lauri A. Aaltonen<sup>1</sup>

1. Department of Medical and Clinical Genetics, Medicum, and Genome-Scale Biology Research Program, Research Programs Unit, Faculty of Medicine, University of Helsinki, Helsinki, Finland.
2. Finnish Cancer Registry, Institute for Statistical and Epidemiological Cancer Research, Helsinki, Finland
3. Faculty of Social Sciences, University of Tampere, Tampere, Finland

Correspondence to:

Lauri A. Aaltonen, Academy Professor  
Biomedicum Helsinki  
P.O. Box 63 (Haartmaninkatu 8)  
FI-00014 University of Helsinki, Finland  
lauri.aaltonen@helsinki.fi  
Tel: +358-2941 25595  
Fax: +358-2941 25610

## Highlights

- We utilized population-based sampling of the youngest never-smoker female patients.
- We found probable susceptibility variants in *BRCA1*, *BRCA2*, and *TP53*.
- Altogether 23 candidate predisposition genes for LUAD in women are reported.

Download English Version:

<https://daneshyari.com/en/article/8453666>

Download Persian Version:

<https://daneshyari.com/article/8453666>

[Daneshyari.com](https://daneshyari.com)